

I claim:

1. A system for identification of individual media comprising:  
An error correction means for monitoring digital media on which data is recorded  
A recording means connected to the error correction means for recording the errors caused by uncontrollable manufacturing artifacts;  
A database means for receiving and storing the record of error correction;  
A comparison means for comparing the stored recording of the error correction to subsequent error correction record to determine if the records are the same.
2. The system of claim 1 wherein the errors recorded comprise patterns of errors.
3. The system for identification of individual media of claim 2 wherein the patterns of errors are recorded for predetermined physical location of the digital media.
4. The system for identification of individual media of claim of claim 3 wherein the media are CD ROMs.
5. The system for identification of individual media of claim 3 wherein the media are DVDs.
6. The system for identification of individual media of claim 3 wherein the media are storage chips.
7. The system for identification of individual media of claim 3 wherein the patterns of errors are extracted into a library of symbols.
8. The system for identification of individual media of claim 7 wherein the symbols of the library are repeatable.
9. The system for identification of individual media of claim 3 further comprising a processor comprising instructions for creating a hash of the patterns of errors from the

predetermined physical locations and from an error level signal combined with the content from the predetermined physical locations thereby identifying the media with unique specificity.

10. A method for uniquely identifying individual media comprising:  
monitoring an error correction protocol applied to the playback of a particular media;  
recording the error correction protocol;  
storing the error correction protocol;  
comparing a subsequent error correction protocol to the stored error correction protocol to determine if the two records are the same.

11. The method for uniquely identifying individual media of claim 10 wherein the error correction protocol describes patterns of errors and wherein the patterns of errors are stored.

12. The method for uniquely identifying individual media of claim 11 wherein the recording of the error correction protocol further comprises recording the error correction protocol for specific physical areas of the media.

13. The method for uniquely identifying individual media of claim 12 further comprising extracting the error correction protocol into a library of symbols.

14. The method for uniquely identifying individual media of claim 13 wherein the symbols in the library are repeatable.

15. The method for uniquely identifying individual media of claim 11 wherein the media are DVDs.

16. The method for uniquely identifying individual media of claim 11 wherein the media are CD ROMs.

17. The method for uniquely identifying individual media of claim 11 wherein the media are memory chips.

18. The method for uniquely identifying individual media of claim 11 further comprising creating a hash of the patterns of errors from the predetermined physical locations and from an error level signal combined with the content from the predetermined physical locations thereby identifying the media with unique specificity.

09/03/2014 16:07:04